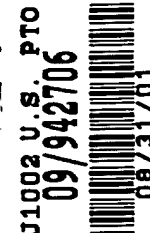


IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: Terunori FUJITA et al. Conf.:
Appl. No.: NEW Group: UNASSIGNED
Filed: August 31, 2001 Examiner: UNASSIGNED
For: OLEFIN POLYMERIZATION CATALYSTS,
TRANSITION METAL COMPOUNDS, PROCESSES
FOR OLEFIN POLYMERIZATION, AND ALPHA-
OLEFIN/CONJUGATED DIENE COPOLYMERS



INFORMATION DISCLOSURE STATEMENT
(SUBMISSION WITH CONTINUATION-IN-PART OR
RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)

Assistant Commissioner for Patents
Washington, DC 20231

August 31, 2001

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-1449 form(s), attached hereto.

II. REFERENCES PREVIOUSLY CITED OR SUBMITTED

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications, or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Appl. No(s).

09/065,593

U.S. Filing Date(s)

April 24, 1998

III. FEES


This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP


By 
Marc S. Weiner, #32,181

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MSW/REG/jms
1155-0222P

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Falls Church, VA 22040-0747
(703) 205-8000

Enclosures: ☒ PTO-1449
☐ References
☐ Foreign Search Report
☐ Other:

(Rev. 01/22/01)

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| Form PTO-1449 | | | | | ATTY DOCKET NO. 1155-0222P | | | | | APPLICATION NO. NEW | | | | | | | | | | | | | | | | | | | |
| INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary) | | | | | | | | | | | | | | | APPLICANT Terunori FUJITA et al. | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | FILING DATE August 31, 2001 | | | | | GROUP UNASSIGNED | | | | | | | | | |
| U. S. PATENT DOCUMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EXAMINER INITIAL | | DOCUMENT NUMBER | | | | | | | DATE | | | NAME | | | | | CLASS | | SUB CLASS | | FILING DATE IF APPROPRIATE | | | | | | | | |
| | | 4 9 9 0 6 4 0 | | | | | | | 1991-02-05 | | | TSUTSUI et al. | | | | | | | | | J1002 U.S. PTO 09/942706  | | | | | | | | |
| | | 5 1 5 5 0 8 0 | | | | | | | 1992-10-13 | | | ELDER et al. | | | | | | | | | | | | | | | | | |
| | | 5 3 8 7 5 6 8 | | | | | | | 1995-02-07 | | | EWEN et al. | | | | | | | | | | | | | | | | | |
| | | 5 3 2 1 1 0 6 | | | | | | | 1994-06-14 | | | LaPOINTE | | | | | | | | | | | | | | | | | |
| | | 3 9 6 5 0 7 8 | | | | | | | 1976-06-22 | | | PRIOLA et al. | | | | | | | | | | | | | | | | | |
| | | 5 5 0 2 1 2 5 | | | | | | | 1996-03-26 | | | BORDEIANU et al. | | | | | | | | | | | | | | | | | |
| | | 5 7 1 4 5 5 6 | | | | | | | 1998-02-03 | | | JOHNSON et al. | | | | | | | | | | | | | | | | | |
| | | 5 8 1 1 3 7 9 | | | | | | | 1998-09-22 | | | ROSSI et al. | | | | | | | | | | | | | | | | | |
| | | 5 6 3 7 6 6 0 | | | | | | | 1997-06-10 | | | NAGY et al. | | | | | | | | | | | | | | | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | DOCUMENT NUMBER | | | | | | | DATE | | | COUNTRY | | | | | CLASS | | SUB CLASS | | TRANSLATION | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | YES | | NO | | | | | | |
| | | EPO 4 2 7 6 9 7A2 | | | | | | | 1991-05-15 | | | EUROPE | | | | | | | | | | | | | | | | | |
| | | EPO 4 2 6 6 3 8A2 | | | | | | | 1991-05-08 | | | EUROPE | | | | | | | | | | | | | | | | | |
| | | WO88 0 5 7 9 2 | | | | | | | 1988-08-11 | | | (PCT) | | | | | | | | | | | | | | | | | |
| | | WO88 0 5 7 9 3 | | | | | | | 1988-08-11 | | | (PCT) | | | | | | | | | | | | | | | | | |
| | | WO96 2 3 0 1 0 | | | | | | | 1996-08-01 | | | (PCT) | | | | | | | | | | | | | | | | | |
| | | 1 3 9 0 5 3 0 | | | | | | | 1975-04-16 | | | ENGLAND | | | | | | | | | | | | | | | | | |
| | | WO96 2 8 4 0 2 | | | | | | | 1996-09-19 | | | (PCT) | | | | | | | | | | | | | | | | | |
| | | JP61 1 3 0 3 1 4A | | | | | | | 1986-06-18 | | | JAPAN | | | | | | | | | | | | | | | | | |
| | | JP58 0 1 9 3 0 9A | | | | | | | 1983-02-04 | | | JAPAN | | | | | | | | | | | | | | | | | |
| | | JP01 5 0 1 6 3 3W | | | | | | | 1989-06-08 | | | JAPAN | | | | | | | | | | | | | | | | | |
| | | WO97 0 2 2 9 8 A1 | | | | | | | 1997-01-23 | | | (PCT) | | | | | | | | | | | | | | | | | |
| | | WO93 0 3 8 3 8 A1 | | | | | | | 1993-03-04 | | | (PCT) | | | | | | | | | | | | | | | | | |
| | | WO98 4 2 6 6 4 | | | | | | | 1998-10-01 | | | (PCT) | | | | | | | | | | | | | | | | | |
| | | WO98 3 0 6 0 9 | | | | | | | 1998-07-16 | | | (PCT) | | | | | | | | | | | | | | | | | |
| | | 6 8 0 9 7 6 A1 | | | | | | | 1995-11-08 | | | EUROPE | | | | | | | | | | | | | | | | | |
| | | 6 6 7 3 5 7 A1 | | | | | | | 1995-08-16 | | | EUROPE | | | | | | | | | | | | | | | | | |
| OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Maurizio Galimberti, Enrico Albizzati, Luigi Abis, Giancarlo Bacchilega, "Die Makromolekulare Chemie" <u>Makramol. Chem.</u> , Vol. 192, p.2591-2601 (1991) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Chemical Abstracts, Vol. 124, No. 5 (January 1996) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Repo et al., <i>Macromolecules</i> , Vol. 30, pp.171-175 (1997) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Herrmann et al., <i>Journal of Organometallic Chemistry</i> , Vol.511, pp.299-302 (1996) | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | Milani et al. "Catalytic Activity of Vanadium (III) and Oxovanadium (IV).." <i>Inorganica Chimica Acta</i> , 103, (1985), 15-18. September | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EXAMINER | | | | | | | | | | | | | | | DATE CONSIDERED | | | | | | | | | | | | | | |
| EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

ATTY DOCKET NO.
1155-0222PAPPLICATION NO.
NEWAPPLICANT
Terunori FUJITA et al.FILING DATE
August 31, 2001GROUP
UNASSIGNED**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL | DOCUMENT NUMBER | | | | | | | DATE | NAME | CLASS | SUB CLASS | FILING DATE IF APPROPRIATE |
|---------------------|-----------------|---|---|---|---|---|---|------------|------------------|-------|--------------|-------------------------------|
| | 4 | 9 | 9 | 0 | 6 | 4 | 0 | 1990-03-28 | TOSHIYUKI et al. | | | |
| | 5 | 1 | 5 | 5 | 0 | 8 | 0 | 1992-10-13 | EWEN et al. | | | |
| | 5 | 2 | 2 | 5 | 5 | 0 | 0 | 1993-07-06 | EWEN et al. | | | |
| | 5 | 3 | 8 | 7 | 5 | 6 | 8 | 1995-02-07 | EWEN et al. | | | |
| | 4 | 2 | 6 | 6 | 3 | 8 | | 1890-04-29 | W.R. FEE | | | |
| | 5 | 3 | 2 | 1 | 1 | 0 | 6 | 1994-06-14 | LAPOINTE | | | |
| | | | | | | | | | | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | | | | | | | DATE | COUNTRY | CLASS | SUB CLASS | TRANSLATION | |
|--|-----------------|---|---|---|---|---|----|------------|---------|-------|--------------|-------------|----|
| | | | | | | | | | | | | YES | NO |
| | 5 | 8 | 1 | 9 | 3 | 0 | 9A | 1983-02-04 | JAPAN | | | | |
| | 61 | 1 | 3 | 0 | 3 | 1 | 4A | 1986-06-18 | JAPAN | | | | |
| | 2 | 7 | 8 | 6 | 8 | 7 | A | 1990-03-19 | JAPAN | | | | |
| | 3 | 1 | 7 | 9 | 0 | 0 | 5A | 1991-08-05 | JAPAN | | | | |
| | 3 | 1 | 7 | 9 | 0 | 0 | 6A | 1991-08-05 | JAPAN | | | | |
| | 3 | 2 | 0 | 7 | 7 | 0 | 3A | 1991-09-11 | JAPAN | | | | |
| | 3 | 2 | 0 | 7 | 7 | 0 | 4A | 1991-02-06 | JAPAN | | | | |
| | 1 | 5 | 0 | 1 | 9 | 5 | 0A | 1989-07-06 | JAPAN | | | | |
| | 1 | 5 | 0 | 2 | 0 | 3 | 6A | 1989-07-13 | JAPAN | | | | |
| | 9 | 6 | 2 | 3 | 0 | 1 | 0 | 1996-08-01 | WO | | | | |
| | 9 | 6 | 2 | 8 | 4 | 0 | 2 | 1997-09-09 | WO | | | | |
| | 1 | 3 | 9 | 0 | 5 | 3 | 0 | 1975-04-16 | GB | | | | |
| | 4 | 2 | 7 | 6 | 9 | 7 | A | 1991-05-15 | EP | | | | |
| | 8 | 8 | 0 | 5 | 7 | 9 | 2 | 1988-08-03 | WO | | | | |
| | 8 | 8 | 0 | 5 | 7 | 9 | 3 | 1988-08-03 | WO | | | | |

OTHER DOCUMENTS

(Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

| | | |
|--|--|--|
| | | "Die Makromolekulare Chemie", Vol. 192, p. 2591, (1991). |
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.